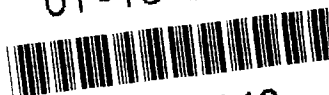


Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

01-13-2006



103158240

U.S. DEPARTMENT OF COMMERCE
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Kojiro KAMEYAMA (12/26/2005), Akira SUZUKI
(12/27/2005), and Mitsuo UMEMOTO
(12/27/2005)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: SANYO ELECTRIC CO., LTD.

Internal Address: _____

Street Address: _____

2-5-5, Keihanondori,
Moriguchi-shi, Osaka
570-8677
JAPAN

City: _____

State: _____

Country: _____ Zip: _____

Additional name(s) & address(es) attached? ☒ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

11/257,406

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Barry E. Bretschneider
MORRISON & FOERSTER LLP

Internal Address: Atty. Dkt.: 492322031900

Street Address: 1650 Tysons Blvd, Suite 300

City: McLean

State: VA Zip: 22102

Phone Number: (703) 760-7743

Fax Number: (703) 760-7777

Email Address: BBretschneider@mofo.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☐ Authorized to be charged by credit card

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
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b. Deposit Account Number 03-1952
Authorized User Name Barry E. Bretschneider

9. Signature:

Signature

January 9, 2006

Date

Barry E. Bretschneider - 28,055

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

01/12/2006 DPT/KSL 00000055 031952 11257406

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PATENT
REEL: 017445 FRAME: 0724

RECORDATION FORM COVER SHEET
(continued)

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Additional Assignees (2. Continued):

Assignee Name: KANTO SANYO SEMICONDUCTORS CO., LTD.

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Street Address: 2468-1, 2-chome,
Sengoku, Oizumi-machi,
Ora-gun, Gunma
JAPAN

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:Additional Patent Numbers
4B. Continued:

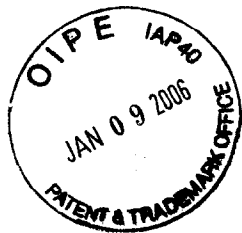
Additional numbers attached?

☐

Yes

☐

No



MORRISON & FOERSTER LLP

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign(s), transfer(s) and set(s) over to:

SANYO ELECTRIC CO., LTD.
2-5-5, Keihanhondori
Moriguchi-shi, Osaka 570-8677 JAPAN

KANTO SANYO SEMICONDUCTORS CO., LTD.
2468-1, 2-chome, Sengoku, Oizumi-machi,
Ora-gun, Gunma, Japan

(hereinafter designated as the "ASSIGNEE"), its successors and assigns, the entire right, title, and interest for the United States in the invention, and all applications for patent and any Letters Patent which may be granted therefor, including said application, and all United States Letters Patent which may be granted thereof, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of said Letters Patent when granted to be held by said ASSIGNEE, its successors, assigns or their legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been and enjoyed by Assignor(s) if this assignment had not been made, the application being known by the title:

SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME

Attorney Docket No.: 492322031900

for which the undersigned has/have executed an application for patent in the United States of America on the same day herewith. Where this instrument is not filed concurrently with the application, the following identifying information may be added after execution:

Serial No.: 11/257,406

Filing Date: October 25, 2005

1. The undersigned hereby agree(s) to sign and execute any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extension of interference proceedings, or otherwise to secure the title thereto to the ASSIGNEE.

2. The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property of similar agreements.

va-143231

PATENT
REEL: 017445 FRAME: 0726

3. The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the ASSIGNEE.

4. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents in the United States to issue any and all Letters Patent resulting from said application or any division or divisions or continuing applications thereof to the said ASSIGNEE.

5. The undersigned hereby grant(s) to the firm of Morrison & Foerster LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREBY, executed by the undersigned on the date(s) opposite the undersigned name(s).

Dec 26 2005
Date

Kojiro Kameyama
Typed Name: Kojiro KAMEYAMA

Dec 27 2005
Date

Akira Suzuki
Typed Name: Akira SUZUKI

Dec 27 2005
Date

Mitsuo UMEMOTO
Typed Name: Mitsuo UMEMOTO